DIGITAL COOL

mpio

FY500

mpio

Thank you for purchasing MPIO **FY500**. FY500 is a digital audio player that enables users to play back music conveniently and utilize it for various purposes. To use this product properly, make sure to read through this manually before using it.

http://www.mpio.co.kr
For more information on the MPIO products, visit our web site on the Internet. You can find many answers to the customer's various enquiries, or upgrade the product performance through firmware upgrade (system software) that operates this product.

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▶ Disclaimer

- Manufacturer and sales office do not bear any responsibility over the accidental damage that accompanies the injury to the user, which is caused by improper usage of this product. The contents of this manual are based on the product status at the time of sales and can be changed without a prior notice for continuous performance improvement and additional function supplementation in the future.

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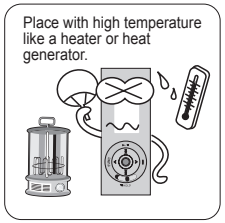
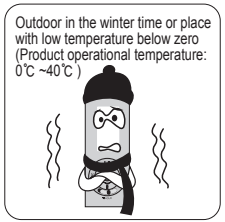
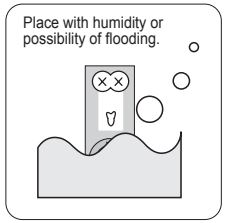
1. Introduction

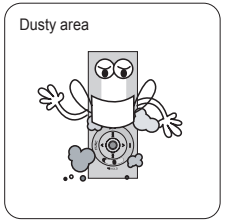
1 Usage Precautions

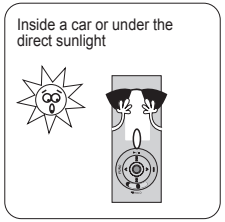
1 Usage environment and product safety Refrain from using or storing the product at the places listed below.

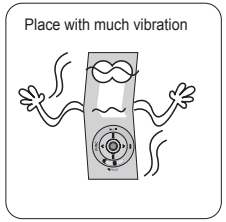


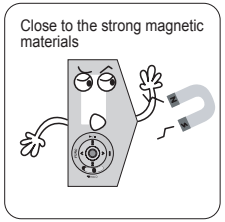


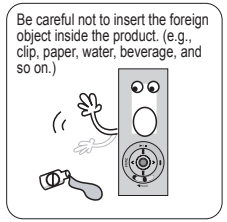












If the product surface is covered with the foreign object, clean it with soft cloth or towel. Do not use the chemical solution.

2 User's safety

① Traffic safety
- Please refrain from using this product in wearing a headset or earphone while riding on the bicycle, motorcycle, or car. There is a risk of a car accident. Additionally, it may violate the regional laws and regulations.
- Reduce the headset or earphone volume when listening to music or FM while you're walking. There is a risk of an accident.

② Protecting your hearing capability
- Please refrain from listening to music for a long time. Medical care expertise point out the risk of impairing your hearing capability if you use the portable audio device for a long time.

3 Safe data storage

① MPIO bears no responsibility over data loss or damage that occurs during data transmission between the product and the computer.
② **Make sure to back the important data saved in the product. Data stored in the product can be lost due to product breakdown, malfunction, or other reasons. (External shock or power failure). In this case, MPIO bears no responsibility.** Please keep in mind this.
③ Hold the plug tightly when inserting/disconnecting the USB socket terminal to/from the PC.
④ Do not apply shock or shake the product while the product is connected to the PC.
⑤ You should back up the data saved in the product before requesting the after service. MPIO will consider that the customers have backed up their data before sending it to MPIO for after service. MPIO will not back up your data upon receiving the after service request. Additionally, MPIO will bear no responsibility over data loss during the service.

2 Product features

※ Digital audio player with a simple design that everybody can use with ease.

① **Supports USB 2.0 high-speed data transmission.**
Data can be transferred and used faster and more conveniently using USB 2.0 interface.

② **Supports USB mass storage**
MP3 player can be used as a moveable disc. You can save and use the data conveniently at any time and place.

③ **Supports playback of multiple formats and DRM-applied file**
Supports playback of MP3, WMA, and ASF format music file, as well as the WMA file purchased online that is applied with DRM (Digital Rights Management).

④ **FM radio function**
Besides simple listening to the FM radio, channel saving and automatic preset functions are also provided.

⑤ **Supports voice recording and FM recording**
Voice and FM can be recorded.

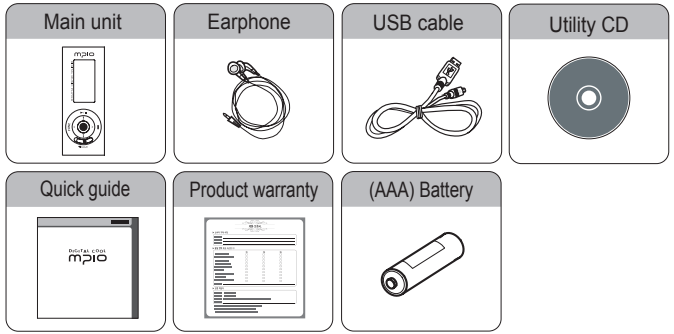
⑥ **Supports 7 EQ types and Live 3D Effect**
Supported equalizer types include Normal, Pop, Rock, Jazz, Classic, Vocal, and user-defined EQ mode that allows for your preferred equalizer setting. Additionally, Live 3D Effect provides various sound effects such as Pure Studio, Concert, Groove, and Dynamic Bass.

⑦ **16 hour-long continuous playback time**
Low power consumption design technology ensures 16 hour long continuous playback with a single alkaline battery (AAA).

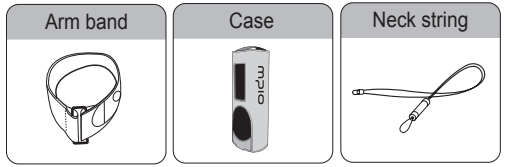
⑧ **Provides Real Player**
License Real Player program is bundled with this product, which enables to author MP3 file and use the music library.

3 Product composition

▶ **Basic components**



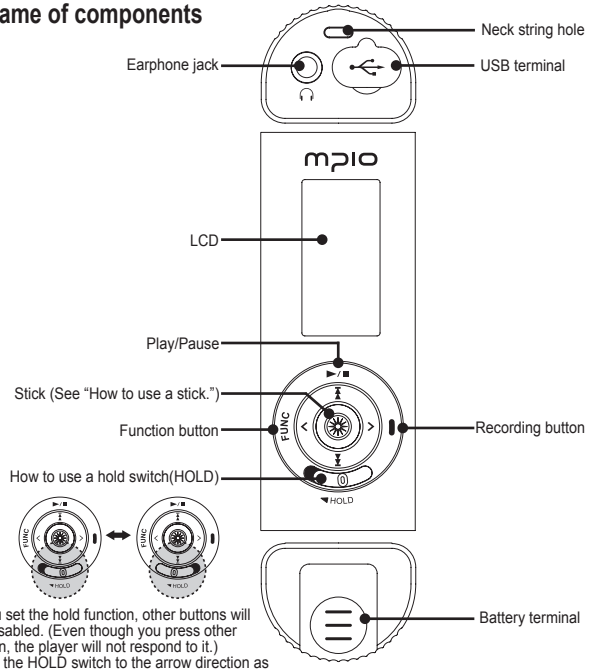
▶ **Additional components** **(Additional components can differ depending on the sales area.)**



⚠ Actual production composition can be different from the images shown below, and can be changed without a prior notice.
Please make enquiry about purchasing accessories to MPIO Service Center.

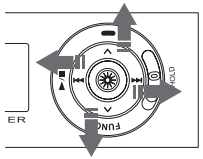
4 Name of components and button usage

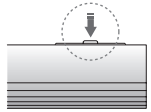
1 Name of components



If you set the hold function, other buttons will be disabled. (Even though you press other button, the player will not respond to it.)
Push the HOLD switch to the arrow direction as shown in the figure to set the hold mode.

2 How to use a stick

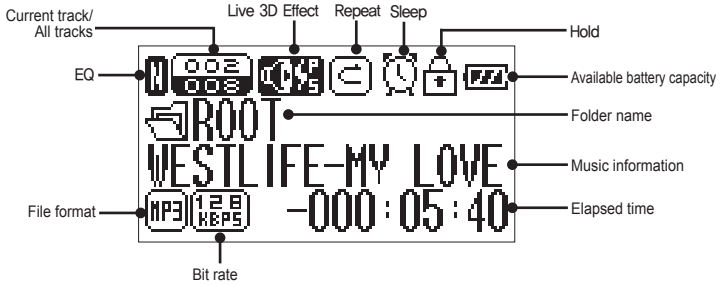




Pressing the button:
Push the stick to the vertical direction shortly or longer.

- **Pushing upward**: Push the stick upward shortly or longer.
- **Pushing downward**: Push the stick downward shortly or longer.
- **Pushing to the left**: Push the stick to the left shortly or longer.
- **Pushing to the right**: Push the stick to the right shortly or longer.

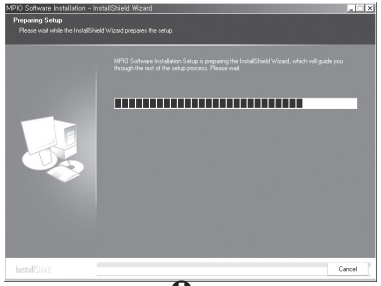
5 Composition of the LCD information



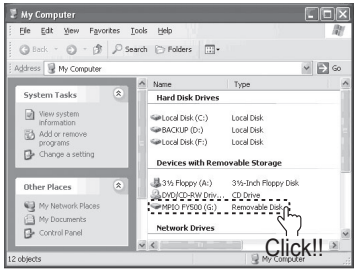
1 Installing the operating software

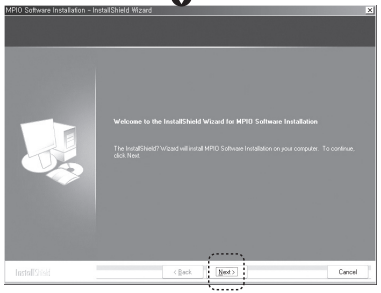
* The Windows ME/2000/XP OS will recognize FY500 as a moveable disc even though you don't install any program. Therefore, you can use FY500 using Windows Explorer once connected to your PC.

If you use Windows 98/98SE, you must install the operation software before connecting FY500 to your PC.

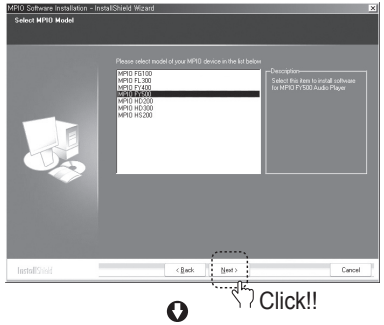

MPIO Software Installation - InstallShield Wizard
Preparing Setup
Please wait while the InstallShield Wizard prepares the setup.
Cancel

① Insert the CD included in the product into the CD-ROM in your computer. Then, software installation will be started automatically after a while, as shown in the below figure. If the installation program does not start automatically, select the CD-ROM drive in Windows Explorer and double click the CD-ROM drive. (See the below figure.)

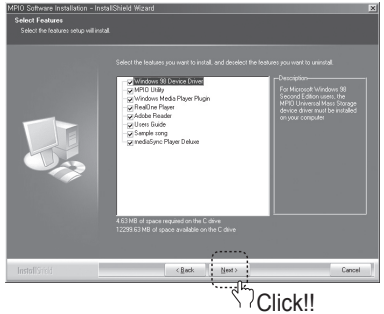



MPIO Software Installation - InstallShield Wizard
Welcome to the InstallShield Wizard for MPIO Software Installation
The InstallShield® Wizard will install MPIO Software Installation on your computer. To continue, click Next.
< Back
Next >
Cancel

② Click the **[Next]** button.

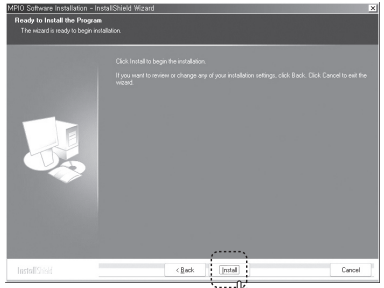


③ First, select the model name (FY500) and then, click the **[Next]** button.

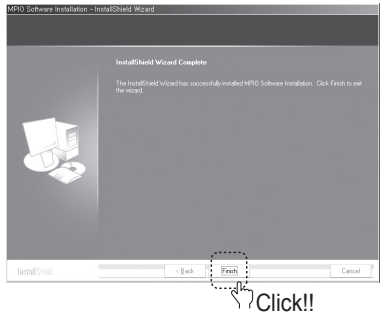

MPIO Software Installation - InstallShield Wizard
Select Features
Select the features setup will install.
Select the features you want to install, and deselect the features you want to uninstall.
Windows 98 Device Driver
MPIO Utility
Windows Media Player Plugin
RealOne Player
Adobe Reader
Users Guide
Sample song
MediaSync Player Deluxe
Description
4.63 MB of space required on the C drive
12299.63 MB of space available on the C drive
< Back
Next >
Cancel
Click!!

④ If you click the **[Next]** button, all selected (checked) utility programs will be installed in your PC. You may select the program you want only. However, the following three programs should be installed without exception.

* **Windows 98 Device Driver (For the Windows 98/98SE users.)**
* **MPIO Utility**
* **Windows Media Player Plugin**


MPIO Software Installation - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel
Click!!

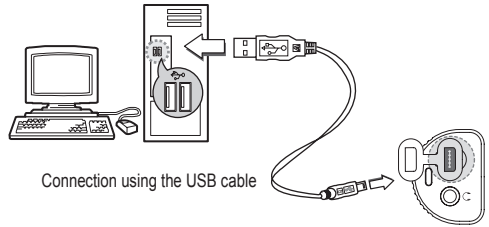
⑤ Click the **[Install]** button to install the selected utility programs one by one.



⑥ Click the **[Finish]** button to complete installation. You can see the MPIO Utility icon on your desktop.

⚠ For more details on the MPIO utility functions, see **[Using MPIO Utility]** in page 64.

2 Connecting FY500 to the computer



Connection using the USB cable

① Connect FY500 to the computer USB port using an USB cable as shown in the figure.
- If you detaching the USB driver while installing the USB driver, your PC may malfunction.

② The USB driver will be installed with the message “Unknown device has been found.” The installation screen may not appear.

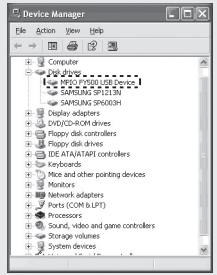
How to install USB driver and check complete installation

* Windows 98/ME:

[Control Panel]→[System]→[Device Manager]→[Hard Disk Controller]→ MPIO FY500 USB Device

* Windows 2000/XP:

[Control Panel]→[System]→[Hardware]→[Device Manager]→[Disc Drive] →MPIO FY500 USB Device



⚠ The images shown in the “How to install USB driver and check complete installation” can be different depending on user’s PC environment.

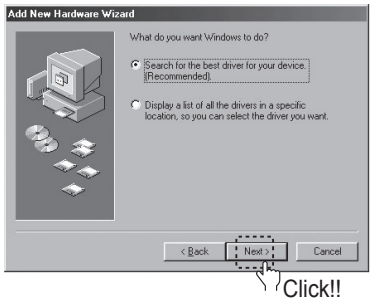
⚠ If the USB driver is not installed properly in Windows 98/98SE, see [Installing an USB driver manually] in page 16, and try to install USB driver again.

3 Installing an USB driver manually

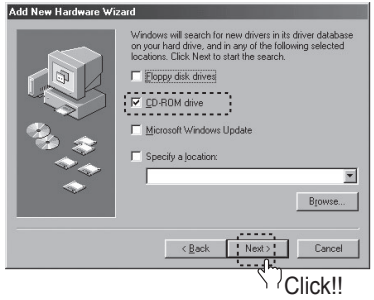
If FY500 cannot be connected to the PC running Windows 98/98SE

Add New Hardware Wizard
This wizard searches for new drivers for:
MPIO FY500
A device driver is a software program that makes a hardware device work.
< Back
Next >
Cancel
Click!!

① Connect FY500 to the PC using an USB cable. Then, the '**Add New Hardware Wizard**' window will appear. Click the **[Next]** button.

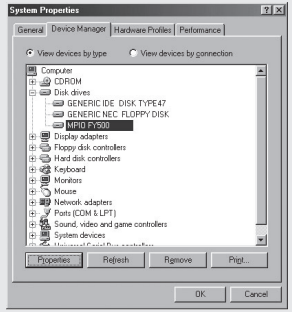

Add New Hardware Wizard
What do you want Windows to do?
Search for the best driver for your device. (Recommended).
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel
Click!!

② Click the '**Search for a suitable driver for the device (recommended)**' option and click the **[Next]** button.


Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
Browse...
< Back
Next >
Cancel
Click!!

③ First, insert a provided Utility CD into the CD-ROM, and click the '**CD-ROM Driver**' option and then, click the **[Next]** button.

④ When the driver is successfully installed, the Installation Complete window will appear. Click the **[Finish]** button.



You can check whether the driver is installed properly using the following menus.

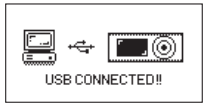
* Windows 98/ME:
[Control Panel]→[System]→[Device Manager]→
[Hard Disk Controller]→MPIO FY500 USB Device

⚠ The actual screen image can differ, depending on the user's PC environment.

4 Saving music and data file

⚠ Illegal download and duplication of the MP3 file is prohibited by law. MPIO will bear any responsibility at all with regards to the copyright of the MP3 files.

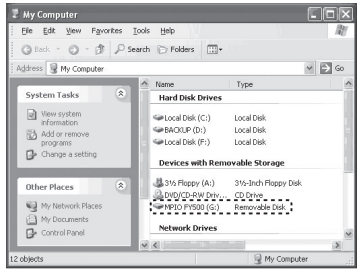
① Press the ▶/■ button longer to turn the player on and connect it to the computer using an USB cable.
② You can check successful USB connection on the LCD window of the player.



USB connection screen when the power is turned on.

USB connection screen when the power is turned off.

③ Run **[Windows Explorer]** in your PC.
④ Your PC will recognize FY500 as a moveable disc. (You can check in **My Computer**)



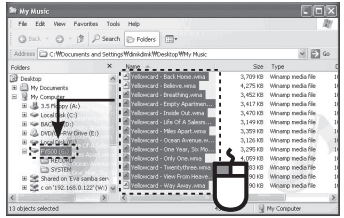
⚠ The drive letter (D:) shown in the above captured image can be different from the one displayed on your PC.

⑤ You can save/delete the data or create a folder using the same method with the normal hard disc in the PC. (Save the data using the method described in the section ⓐ or ⓑ.)

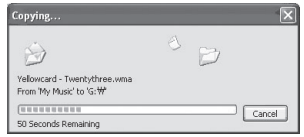
ⓐ **Copy and paste**: Select the data to save and click the right mouse button. Then, select the Copy menu and use the Paste menu in the moveable disc.

ⓑ **Drag and drop**: Select the data to save and drag it while holding down the left mouse button. Then, release the left mouse button (drop) it on the moveable disc.

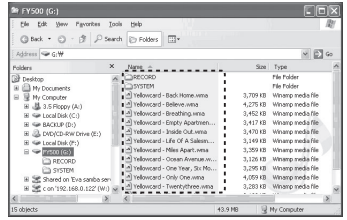
⑥ Then, the selected data will be saved in a moveable disc.



(Dragging and dropping the data on the moveable disc after selecting the data to save [Drag & Drop])



(Data is being copied.)



⚠ If you take out the USB cable during file download or upload, the player may malfunction

⚠ The music file display order in Windows Explorer when you select a moveable disc can be different from the actual playback order.

⚠ If you rename music files like 001 * * * , 002 * * * ... in Windows Explorer, you can play them back by the order of number in the file name.

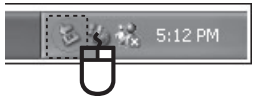
5 Unplugging FY500 from the PC

It is recommended to comply with the following steps to save unplug FY500 from your PC. **If you fail to comply with these instructions, please be noted that the data can be lost or the product can be broken down.**

For Window 98/98SE PC users

- There is no command for safe removal of FY500 from the PC. Therefore, you should allow sufficient lead time before removal, so that file and data transmission between FY500 and PC can be completed.

① Move the mouse pointer over the '**Unplug or Eject Hardware**' icon in the Notification area of the Taskbar and **click the right mouse** button.



② Select '**Unplug or Eject Hardware**' popup message.

③ When '**Unplug or Eject Hardware**' window appears, select the '**USB Mass Storage Device**' in the Hardware Devices list and then, click the **[Stop]** button.

④ When the '**Stop Hardware Device**' window appears, select the '**USB Mass Storage Device**' and click the **[OK]** button.

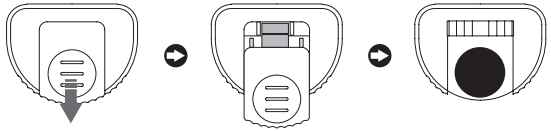
Stop a Hardware device
Confirm devices to be stopped. Choose OK to continue.
Windows will attempt to stop the following devices. After the devices are stopped they may be removed safely.
USB Mass Storage Device
Generic volume - (G:)
MPIO FY500 USB Device
OK
Cancel
Click!!

⑤ Unplug FY500 from the PC if it is '**safely removed**'.

⚠ Windows 2000- When the '**Safely removed hardware**' message appears, click the **[OK]** button and unplug FY500 from the PC.
Windows XP- When the '**Safely removed hardware**' message appears, unplug FY500 from the PC.

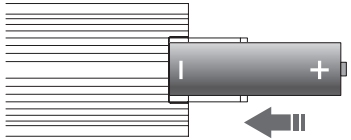
1 Inserting a battery

① Push the battery cover to the arrow direction to open it.



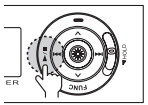
⚠ Do not apply excessive force to the cover. It can break down.

② Insert the battery with proper polarity +, – and close the battery cover.
(1 AAA battery)



2 Turning the player on/off

① Press the ▶/■ button longer. Then, the player will be turned on with a logo screen. Then, the file list screen will appear.



Logo screen

File list screen

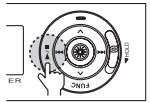
② Press the ▶/■ button longer to turn the player off.

⚠ If there is not key input (or operation) for longer than 3 minutes in the stop mode, the player will be automatically turned off.
See (Auto Power Off) in page 61.

3 Listening to music

1 Music playback

Press the ▶/■ button shortly to play back the selected music. Or, press the stick to the vertical direction to play back the selected music.



File list screen

Playback screen

① Pause/Stop pausing

Press the ▶/■ button shortly during playback to pause playback.
To resume playback, press the ▶/■ button shortly again.

② Playing back previous/next music

Push the stick towards ⏮ or ⏭ direction during playback to play back the previous or next music.

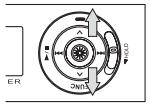
* If you push the stick towards ⏮ direction 10 seconds after music file playback, the music file currently being played back will be started again from the beginning.
* If you push the stick towards ⏮ direction before 10 seconds after music file playback, the music file next to the current one will be played back.

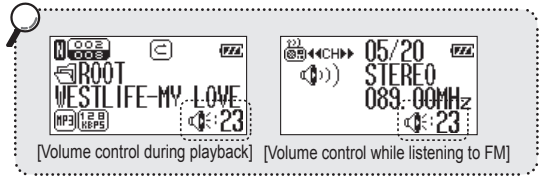
③ Fast Forward (FF)/Rewind (REW)

To start FF or REW, push the stick towards ⏮ or ⏭ direction during playback.

④ **Controlling the sound volume**

Push the stick towards ∨, ∧ direction to volume up or down.





[Volume control during playback] [Volume control while listening to FM]

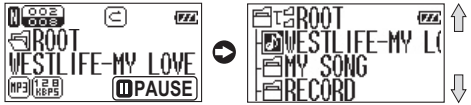
⚠ The volume can be adjusted between 00 and 40.

2 Navigation

① **Music navigation in the pause mode**

ⓐ Push the stick shortly to switch to the file list display mode from the pause screen mode.

ⓑ Push the stick towards ∨, ∧ direction to move to the intended music file.



Pause screen Cursor moves up/down

② **Music navigation during playback**

ⓐ Push the stick shortly to switch from the playback screen to the file list display screen.

ⓑ Push the stick towards ∨, ∧ direction to move to the intended music file.

Playback screen Cursor moves up/down

∗ Push the stick towards ⏭ direction, or to the vertical direction shortly to enter into the folder.
∗ Push the stick towards ⏮ direction to move out from the folder.

4 Recording a voice

① Press the **REC** button shortly to start voice recording.
② Press the ▶/■ button shortly to pause recording. Press the ▶/■ button shortly again to resume recording.
③ Press the **REC** button shortly to stop voice recording.

Time elapsed after recording
Remaining recording time

The voice recording file will be saved in the RECORD folder.

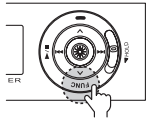
You cannot use the voice recording function during music file playback.
Press the ▶/■ button shortly to pause music file playback first, in order to use the voice recording function.

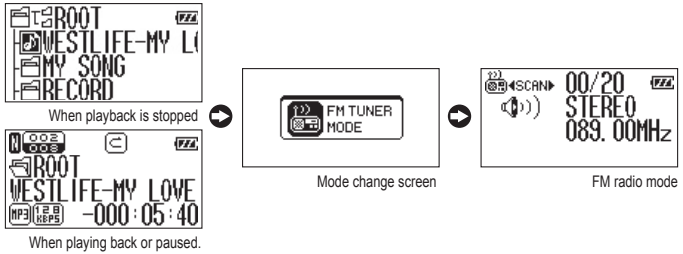
⚠
∗ Voice recording file will be named sequentially VOICE001, VOICE002.... , and recorded/saved by that order with the WAV file format.
∗ If there is no sufficient memory for voice recording, voice recording will be automatically stopped.

5 Switching a mode (Playback mode ↔ FM Radio mode)

Switching from playback mode to FM radio mode

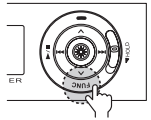
① Press the **FUNC** button longer in the pause or stop mode.
② The “FM Radio Mode” message will be displayed for a while and the FM radio mode will be engaged.

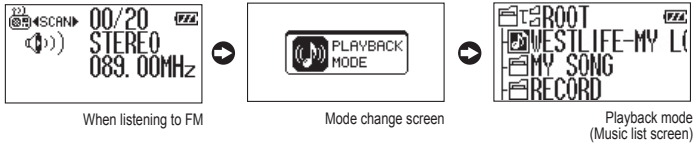




Switching from FM radio mode to playback mode

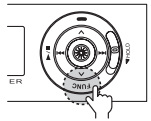
① Press the **FUNC** button longer while listening to the FM radio.
② The “Playback Mode” message will be displayed for a while and the playback mode will be engaged.





6 Listening to FM Radio

Press the **FUNC** button longer in the pause or stop mode.
The “FM Radio Mode” message will be displayed for a while and the FM radio mode will be engaged.



1 Changing the channel (Scan mode)

Select the receiving channel you prefer by pushing the stick towards ⏮ or ⏭ direction, while listening to the FM radio.

Scan mode

⚠ Channel movement unit will be set by the value setting in the **[FM Radio]** / **[Seek Step]** menu.

Auto Scan function (Searches for the broadcasting channel automatically)
Push the stick towards ⏮ or ⏭ direction. Then, the player will automatically scan the channel that provides the broadcasting service.

2 Saving the channel

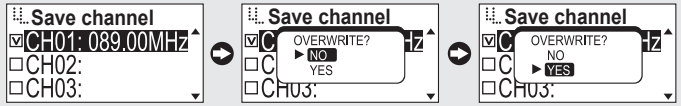
You can save the frequency you’re listening in the channel.

① Press the stick while listening to the station. Then, **[Save channel]** screen will appear.
② Push the stick towards ∨, ∧ direction to select the intended channel number. Then, push the stick towards ⏭ direction to save the frequency in a channel. Or, press the stick shortly to save the channel.

⚠ FM channel cannot be deleted.

Changing the frequency saved in a channel.

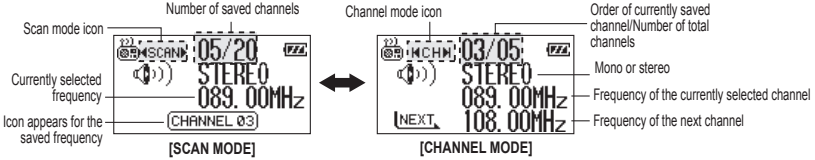
① Select the channel containing the frequency, and push the stick towards ▶▶| direction.
② When the "OVERWRITE?" message appears, push the stick towards ▼ direction and select "**YES**".



③ Push the stick towards ▶▶| direction and execute overwriting. Or, you can press the stick shortly to start overwriting.

3 Selecting the saved channel

Press the **FUNC** button shortly to switch the reception mode (**Channel ↔ Scan**).



* Navigate through the saved channel by pushing the channel towards |◀◀ or ▶▶| direction.
* If you push the stick towards |◀◀ or ▶▶| direction and hold the stick, the saved channel will be searched quickly.

* **SCAN mode (◀ SCAN ▶)**
  Press the stick towards |◀◀ or ▶▶| direction to change the receiving frequency.

* **CHANNEL mode (|◀ CH ▶|)**
  Press the stick towards |◀◀ or ▶▶| direction to move to the saved channel only.

NO CHANNEL!!
If no channel was saved, the 'NO CHANNEL!!' message will appear and the Scan mode will be maintained.

7 FM recording

* You can record the FM radio broadcasting you're currently listening to.

① Press the **REC** button to start FM recording.

Screen displayed when listening to FM

FM recording screen

② Press the ▶/■ button shortly to pause recording.
Press the ▶/■ button to resume recording.
③ Press the **REC** button to stop recording.

The FM recording file will be saved in the RECORD folder.

* The voice recording file will be recorded/saved by the order of FMRADIO001, FMRADIO002..., and recorded/saved by that order with the WAV file format.
* If there is no sufficient memory for the recording file, recording will be automatically stopped

8 Using the menu

* Press the stick longer vertically to enter into the menu.

Entering into the menu screen

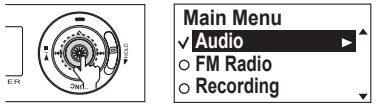
1 Using the menu

Setting	Stick lever operation
Selecting a menu	Push a stick towards ∨, ∧ direction to select a menu.
Entering into the menu	Push a stick towards ∨, ∧ direction to enter into the menu. or, push a stick to the vertical direction to enter into the menu.
Changing the setting value	Push a stick towards ∨, ∧ direction to change the setting value.
Saving the modified setting value	Push a stick towards ▶▶| direction. or, push a stick to the vertical direction to save the setting value.
Moving back to the upper menu	Push a stick towards |◀◀ direction.
Canceling menu change	Push a stick towards |◀◀ direction. ⚠ Use this function to exit from the menu without saving the modified setting value.

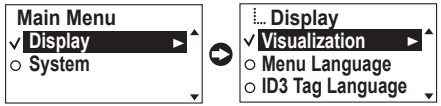
2 Example

Example 1. Changing the setting value in the **[ID 3 Tag Language]** menu

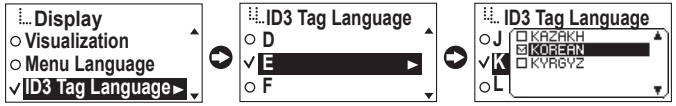
① **Entering into the menu**: Push a stick longer to the vertical direction.



② **Selecting [Display] menu**: Push a stick towards ∨, ∧ direction select the **[Display]** menu.
③ **Entering into the [Display] menu**: Push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



④ **Selecting the [ID 3 Tag Language] menu**: Push a stick towards ∨, ∧ direction to select the **[ID 3 Tag Language]** menu.
⑤ **Entering into the [ID 3 Tag Language] menu**: Push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
⑥ **Changing the setting value in the [ID 3 Tag Language] menu**: Press the stick towards ∨, ∧ direction to select the alphabet of the target language, and enter into the language list by moving the 5 direction lever to the ▶▶| direction. Press the stick towards ∨, ∧ direction to select the target language.



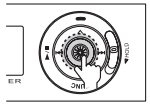
Selecting ID3 tag display language | Entering into the ID3 tag display language menu | Selecting Korean language

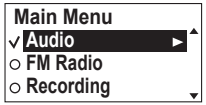
⑦ **Saving the modified setting value**: Push a stick towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

⚠ Push a stick towards |◀◀ direction to exit from the menu without saving the modified setting value.

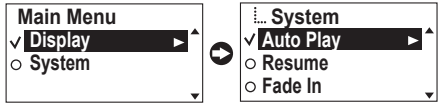
Example 2. Changing the setting value in **[Auto Play]** menu

① **Entering into the menu**: Push a stick longer to the vertical direction.

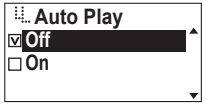




② **Selecting [System] menu**: Push a stick towards ∨, ∧ direction select the **[System]** menu.
③ **Entering into the [System] menu**: Push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ **Selecting the [Auto Play] menu**: Check the cursor on the **[Auto Play]** menu.
⑤ **Entering into the [Auto Play] menu**: Push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



⑥ **Changing the setting value in the [Auto Play] menu**: Push a stick towards ∨, ∧ direction to modify the setting value.
⑦ **Saving the modified setting value**: Push a stick towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.



⚠ Push a stick towards |◀◀ direction to exit from the menu without saving the modified setting value.

1 Playback mode

1 Summary of button usage

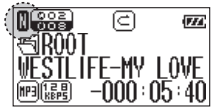
●► : Press the button shortly.
●●●► : Press the button longer than 1 second.

BUTTON	Operation	Stop Mode	Playback Mode	Pause Mode	Navigation during Playback
PLAY/STOP ►/■	●►	Playback	Pause	Playback	Play back the selected file
	●●●►	Power off	Power off	Power off	Power off
FUNCTION FUNC	●►	Delete the selected file	Change EQ setting value	Change EQ setting value	•
	●●●►	Switch to FM mode	Switch to FM mode	Switch to FM mode	•
RECORDING ●	●►	Voice recording	Set Repeat	Voice recording	Exit from navigation mode
	●●●►	•	•	•	•
UP	●►	Move cursor up	Volume up	Volume up	Move cursor up
	●●●►	Move cursor up fast	Volume up fast	Volume up fast	Move cursor up fast
DOWN	●►	Move cursor down	Volume down	Volume down	Move cursor down
	●●●►	Move cursor down fast	Volume down fast	Volume down fast	Move cursor down fast
Navi/Menu	●►	Enter into folder	Enter into navigation mode during playback	Enter into stop mode	Enter into folder Playback if file is selected.
	●●●►	Enter into menu	Enter into menu	Enter into menu	Enter into menu
FF	●►	Enter into folder	Move to next file	Move to next file	Enter into folder
	●●●►	•	FF	FF	•
REW	●►	Exit from folder	Move to previous file	Move to previous file	Exit from folder
	●●●►	•	REW	REW	•

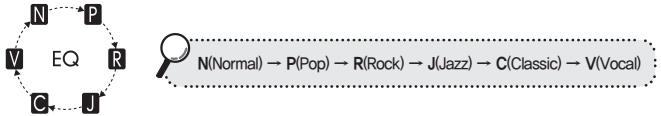
2 Changing the EQ setting value (EQ)

Method 1 (Using FUNC button)

① Press the **FUNC** button during playback to activate EQ icon on the LCD.

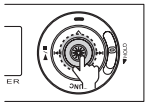


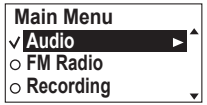
② Press the **FUNC** button again to change the EQ icon. Whenever you press the **FUNC** button, the EQ icon will be changed by the following order.



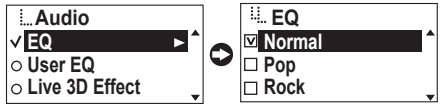
Method 2 (Using EQ menu)

① Push a stick longer to enter into the menu.
② Check the cursor in the **[Audio]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.





③ Check the cursor in the **[EQ]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select the intended EQ item.

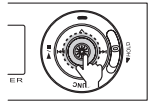


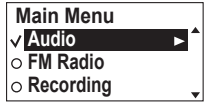
⑤ Push a stick towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

3 Setting User EQ menu

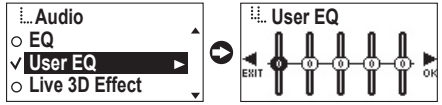
* You can define your own EQ effect by adjusting the setting values in each frequency range, instead of the pre-defined EQ setting values.

① Push a stick longer to enter into the menu.
② Check the cursor in the **[Audio]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



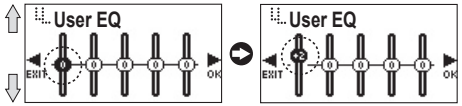


③ Push a stick towards ∨, ∧ direction to select **[User EQ]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



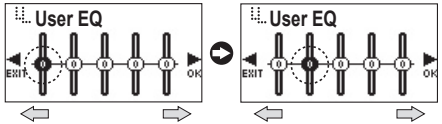
④ Push a stick towards ∨, ∧ to set the setting value for the first frequency range.

* Adjusting the setting value for each frequency range.
  : Push a stick towards ∨, ∧ direction to adjust the setting values.



⑤ Push a stick towards ▶▶| to move the cursor to the second frequency range. Then, push a stick towards ∨, ∧ to set the setting value for the second frequency range. Use the same method to adjust the setting values for the remaining frequency ranges.

* Movement between frequency ranges in the User EQ menu
  : Push a stick towards |◀◀ or ▶▶| direction.



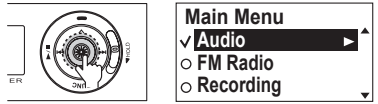
⑥ When the setting values for each frequency range is adjusted, push a stick towards ▶▶| direction and move to **OK** icon to save the setting value. Returns to the previous menu after saving the setting value.

⚠ **Canceling User EQ settings**
Push a stick towards |◀◀ direction and move to the EXIT icon to cancel user-defined EQ setting.

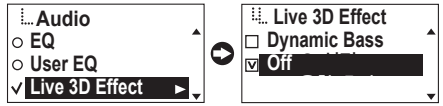
4 Setting Live 3D Effect menu

* You can enjoy music with new feeling if you apply the 3D sound effect during file playback.

① Push a stick longer to enter into the menu.
② Check the cursor in the **[Audio]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Push a stick towards ∨, ∧ direction to select **[Live 3D Effect]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select the **sound effect**.

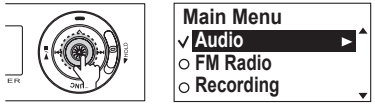


⑤ Push a stick towards ▶▶| direction to save the setting values. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

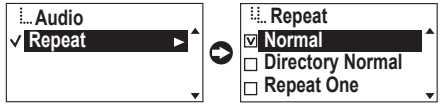
5 Setting Repeat menu

* You can adjust the playback order of the saved music files

① Push a stick longer to enter into the menu.
② Check the cursor in the **[Audio]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Push a stick towards ∨, ∧ direction to select **[Repeat]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select the playback order.
(Normal → Directory Normal → Repeat One → Directory Repeat → Repeat All → Random → Directory Random)

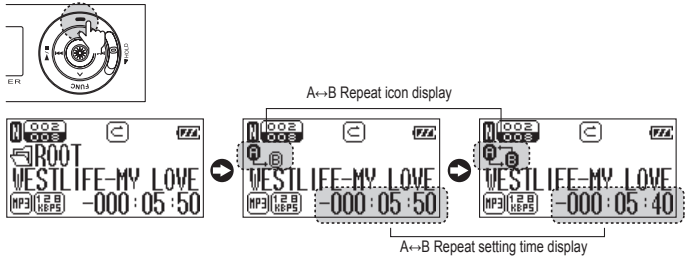


⑤ Push a stick towards ▶▶| direction to save the setting values. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

6 Sector repeat (A ↔ B)

* You can set the specific sector during file playback (A↔B) and make it to be repeated.

① Press the **REC** button shortly during playback to set the starting point (A) of repetitive playback.
② Press the **REC** button again to set the ending point (B) of repetitive playback.



* **Pause/Stop pausing during sector repetition.**
  Press the ▶/■ button during sector repetition to pause playback.
  Press the ▶/■ button again to resume repetitive playback.

* **Releasing repetitive playback**
  Press the **REC** button while sector repetition is set in order to release the sector repetition setting.

7 Adjusting the sound quality of voice recording

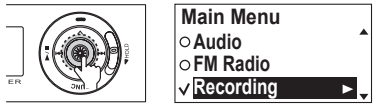
* This section describes the menu settings that affect sound quality and function of voice recording.

7-1) Setting Quality menu

: In this menu, you can adjust the sound quality for voice recording and FM recording.

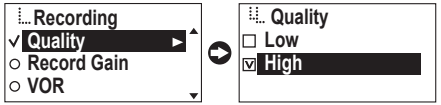
① Push a stick longer to enter into the menu.

② Push a stick towards ∨, ∧ direction to select **[Recording]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Push a stick towards ∨, ∧ direction to select **[Quality]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

④ Push a stick towards ∨, ∧ direction to select the intended recording sound **quality**.



	LOW	HIGH
Sample rate	11.025kHz	22.05kHz
Bit rate	45kbps	89kbps

⑤ Push a stick towards ▶▶| direction to save the setting values. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

7-2) Setting Record Gain menu

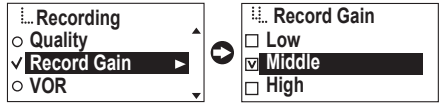
: Adjusts voice and FM signal amplification.

① Push a stick longer to enter into the menu.

② Push a stick towards ∨, ∧ direction to select **[Recording]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

③ Push a stick towards ∨, ∧ direction to select **[Record Gain]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

④ Push a stick towards ∨, ∧ direction to select the amplification degree of the voice signal and FM radio signal.

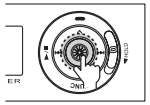


⑤ Push a stick towards ▶▶| direction to save the setting values. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

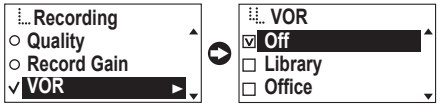
7-3) Setting VOR menu

: The Voice Operation Recording (VOR) function continues recording only when the recording signal is detected, and stops temporarily if no recording sound is detected. When the VOR function is engaged, you can select the base value of the signal size so that recording can be decided depending on the recording signal size transferred by the internal microphone.

① Push a stick longer to enter into the menu.
② Push a stick towards ∨, ∧ direction to select **[Recording]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Push a stick towards ∨, ∧ direction to select **[VOR]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select the base signal size that will decide recording.



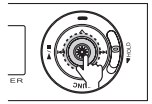
Off	VOR function is disabled.
Library	Recording will be initiated by the small sound signal.
Office	Recording will be initiated by the middle sound signal.
Park	Recording will be initiated by the large sound signal.

⑤ Push a stick towards ▶▶| direction to save the setting values. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

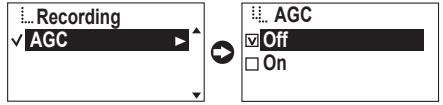
7-4) Setting AGC menu

: The Automatic Gain Control (AGC) function amplifies the small sound signal and reduces the large sound signal down to the proper value, depending on the recording sound signal size that is transferred through the internal microphone.

① Push a stick longer to enter into the menu
② Push a stick towards ∨, ∧ direction to select **[Recording]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Push a stick towards ∨, ∧ direction to select **[AGC]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to decide whether the **AGC** function will be used or not.



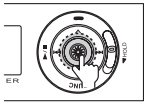
⑤ Push a stick towards ▶▶| direction to save the setting values. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

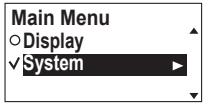
8 Setting Speed Control menu

⚠ This function is applicable for the MP3 file having lower than 22.05KHz sampling rate.

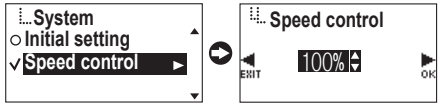
* You can adjust speed of the file playback, which can be useful for foreign language study.

① Push a stick longer to enter into the menu.
② Push a stick towards ∨, ∧ to select **[System]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.





③ Push a stick towards ∨, ∧ direction to select **[Speed control]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select the intended speed. The playback speed can be adjusted by 9 steps.



Slow	Default value	Fast
50%, 63%, 75%, 88%	100%	125%, 150%, 175%, 200%

⑤ Push a stick towards ▶▶| direction to save the setting values. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

9 Deleting a File(s)

⚠ You cannot delete a music file during playback.
To delete a music file, stop music playback first.

① If the music file is being played back, press the ▶/■ button to pause it.

Playback screen　　Pause screen

② Push a stick shortly in the pause mode to enter into the stop mode.

Stop screen

③ Push a stick towards ∨, ∧ direction to select the file to delete, and press the **FUNC** button.
④ When the **[Delete File]** message appears, push a stick towards ∨, ∧ direction and select **YES**. Then push a stick ▶▶| direction to delete the selected file. Or, you can delete the file by pushing a stick shortly.

Delete File window　　Select [Yes] – deletes a file.

2 FM Radio Mode

1 Summary of button

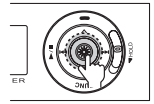
● ► : Press the button shortly.
●●● ► : Press the button longer than 1 second.

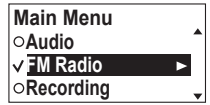
Button	Operation	Scan Mode	Channel Mode
PLAY/STOP ►/■	●►	●	●
	●●●►	Power off	Power off
FUNCTION FUNC	●►	Switch to channel mode	Switch to scan mode
	●●●►	Switch to playback mode	Switch to playback mode
RECORDING ●	●►	FM recording	FM recording
	●●●►	•	•
UP	●►	Volume up	Volume up
	●●●►	Volume up fast	Volume up fast
DOWN	●►	Volume down	Volume down
	●●●►	Volume down fast	Volume down fast
Navi/Menu	●►	Save frequency	•
	●●●►	Enter into menu	Enter into menu
FF	●►	Move to next frequency	Move to next channel
	●●●►	Automatic seeking for the frequency that can be received	Move to next channel fast
REW	●►	Move to previous frequency	Move to previous channel
	●●●►	Automatic seeking for the frequency that can be received	Move to previous channel fast

2 Setting FM Band menu

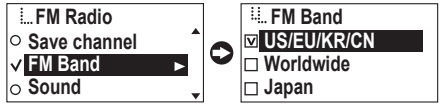
* In this menu, you can set the FM frequency range to receive.

① Push a stick longer to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[FM Radio]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.





③ Push a stick towards ∨, ∧ direction to select **[FM Band]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select the intended reception frequency range.



* **The frequency range for each option is as follows.**

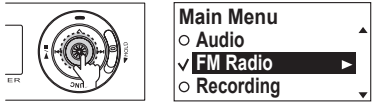
US/EU/KR/CN	87.5MHz ~ 108MHz
World Wide	76MHz ~ 108MHz
Japan	76MHz ~ 92MHz

⑤ Push a stick towards ▶▶| direction to save the selected value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

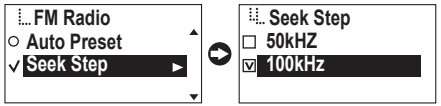
3 Setting Seek Step menu

* In this menu, you can set the frequency seek step when searching for the frequency range, using a stick.

① Push a stick longer to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[FM Radio]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Push a stick towards ∨, ∧ direction to select **[Seek Step]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select the intended frequency movement unit.

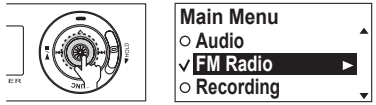


⑤ Push a stick towards ▶▶| direction to save the setting values. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

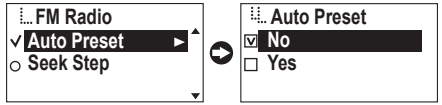
4 Setting Auto Preset menu

* When this function is engaged, the play automatically deletes the saved channel and saves the frequency that can be automatically received in a channel. You can save up to 20 frequencies in the channel.

① Push a stick longer to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[FM Radio]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Push a stick towards ∨, ∧ direction to select **[Auto Preset]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select whether automatic channel saving will be used or not.

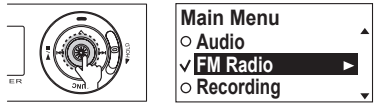


⑤ Press the stick towards ▶▶| direction or shortly press the stick vertically to save the setting value. Returns to the previous menu after saving the setting value.

5 Setting FM Sound menu

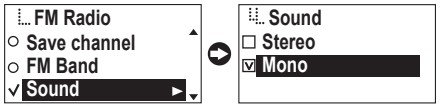
* In this menu, you can select the sound for the FM radio that you're currently listening to.

① Push a stick longer to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[FM Radio]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Push a stick towards ∨, ∧ direction to select **[Sound]** menu, and push it again towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

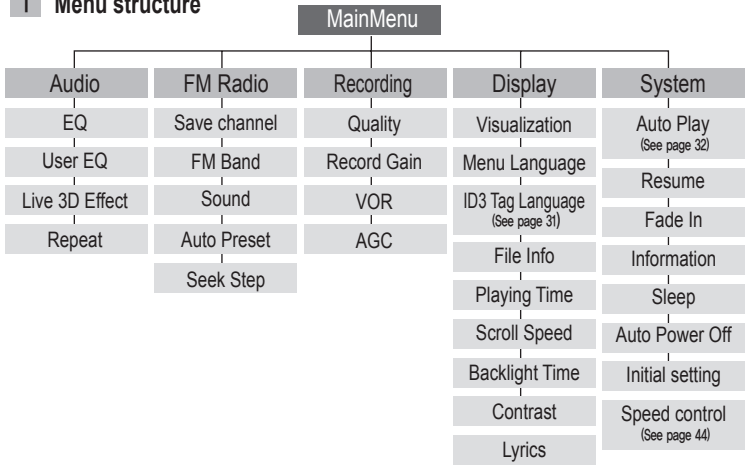
④ Push a stick towards ∨, ∧ direction to select the intended FM sound.



⑤ Push a stick towards ▶▶| direction to save the setting values. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

3 Menu

1 Menu structure



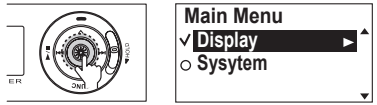
2 Setting Display menu

2-1) Setting Visualization menu

: Using this menu, you can set the configuration of the information displayed at the bottom of the LCD.

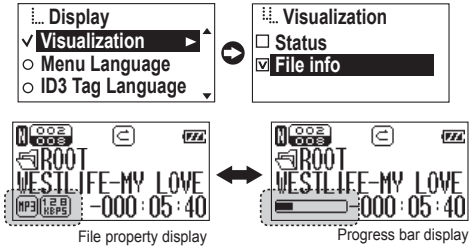
① Push a stick to the vertical direction to enter into the menu.

② Push a stick towards ∨, ∧ direction to select the **[Display]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Check the cursor in the **[Visualization]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

④ Push a stick towards ∨, ∧ direction to select the intended visualization effect, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.



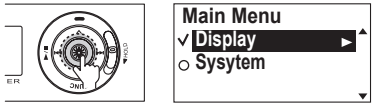
File property display　　Progress bar display

2-2) Setting Menu Language menu

: You can select the language to display the menu – **English**, **Korean**, **Japanese**, **Simplified Chinese**, or **Traditional Chinese**.

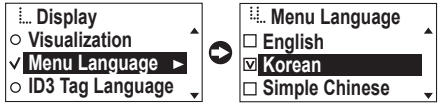
① Push a stick to the vertical direction to enter into the menu.

② Push a stick towards ∨, ∧ direction to select the **[Display]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Check the cursor in the **[Menu Language]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

④ Push a stick towards ∨, ∧ direction to select the language, and push it shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

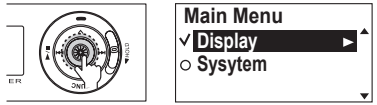


2-3) Setting File Info menu

: You can select the information on the music file that will be displayed on the LCD.

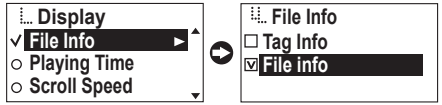
① Push a stick to the vertical direction to enter into the menu.

② Push a stick towards ∨, ∧ direction to select the **[Display]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Check the cursor in the **[File Info]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

④ Push a stick towards ∨, ∧ direction to select the method of music file information display, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

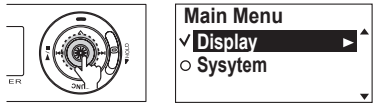


2-4) Setting Playing Time menu

: You can select the method of playing time display on the LCD.

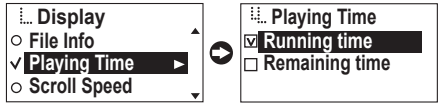
① Push a stick to the vertical direction to enter into the menu.

② Push a stick towards ∨, ∧ direction to select the **[Display]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Check the cursor in the **[Playing Time]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

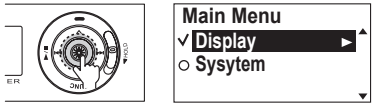
④ Push a stick towards ∨, ∧ direction to select the method of playing time display, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.



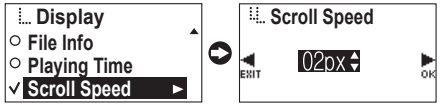
2-5) Setting Scroll Speed menu

: You can adjust the scrolling speed of the music file information on the LCD.

① Push a stick to the vertical direction to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[Display]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



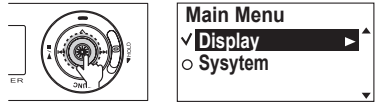
③ Push a stick towards ∨, ∧ direction to select the **[Scroll Speed]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select the speed of the text flow, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.



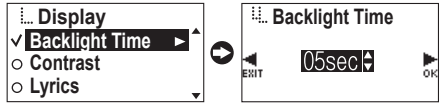
2-6) Setting Backlight Time menu

: You can adjust the LCD backlight time.

① Push a stick to the vertical direction to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[Display]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



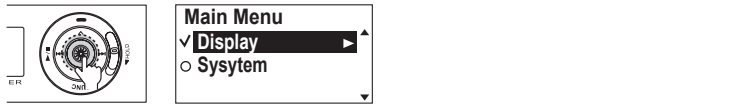
③ Check the cursor in the **[Backlight Time]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select the LCD backlight time, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.



2-7) Setting Contrast menu

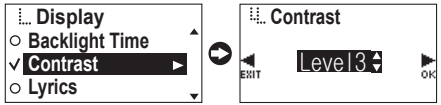
: You can adjust the LCD contrast.

① Push a stick to the vertical direction to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[Display]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Check the cursor in the **[Contrast]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

④ Push a stick towards ∨, ∧ direction to select the LCD contrast, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

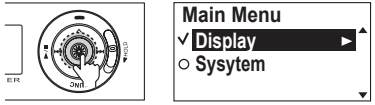


2-8) Setting Lyrics menu

: It may not be supported, depending on the area.
You can decide whether the lyric will be displayed on the LCD for the MP3 file containing the lyric information.

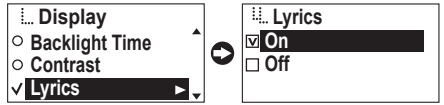
① Push a stick to the vertical direction to enter into the menu.

② Push a stick towards ∨, ∧ direction to select the **[Display]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Check the cursor in the **[Lyrics]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

④ Check the cursor in the ∨, ∧ direction to select whether the lyric will be displayed or not, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.



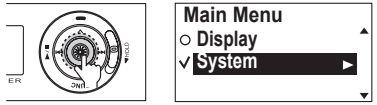
3 Setting System menu

3-1) Setting Resume menu

: You can decide whether playback will be started from the beginning or resumed from the point where the file was played back last, when the player is turned on.

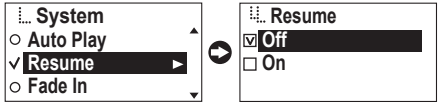
① Push a stick to the vertical direction to enter into the menu.

② Push a stick towards ∨, ∧ direction to select the **[System]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



③ Check the cursor in the **[Resume]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

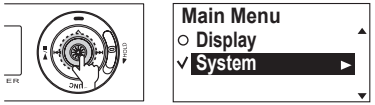
④ Push a stick towards ∨, ∧ direction to set the resuming function, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.



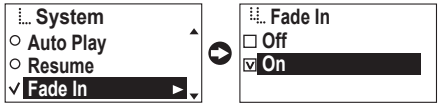
3-2) Setting Fade in menu

: Using this function, you can make the introduction part of music to be increased steadily, so that the neighboring persons are not surprised by the loud sound.

① Push a stick to the vertical direction to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[System]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



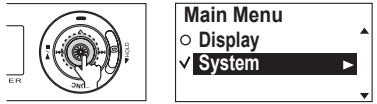
③ Check the cursor in the **[Fade In]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to set the fade in function, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.



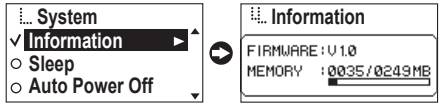
3-3) Checking Information

: In this menu, you can display various player information such as firmware version, memory size in use, and total memory size.

① Push a stick to the vertical direction to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[System]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.



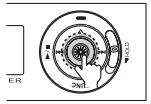
③ Push a stick towards ∨, ∧ direction to select the **[Information]** menu, and push it towards ▶▶| direction to check the information on the player. Or, push a stick to the vertical direction to check the player information.

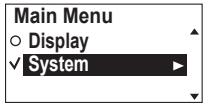


3-4) Setting Sleep menu

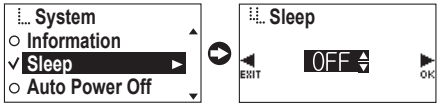
: You can set the time period that the player is automatically turned off, if the certain period of time elapse after listening to music or FM.

① Push a stick to the vertical direction to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[System]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.





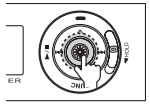
③ Check the cursor in the **[Sleep]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select the sleep time, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

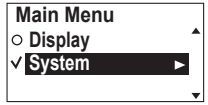


3-5) Setting Auto Power Off menu

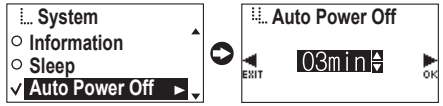
: Once this function is selected, the player will be automatically turned off if it is not used for a certain period of time in the pause mode.

① Push a stick to the vertical direction to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[System]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.





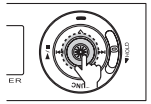
③ Check the cursor in the **[Auto Power Off]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.
④ Push a stick towards ∨, ∧ direction to select automatic power-off time, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.

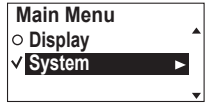


3-6) Setting Initial Setting menu

: Once this function is engaged, all user-defined menu setting values will be cleared and the default menu setting values will be restored.

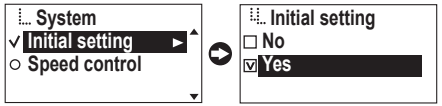
① Push a stick to the vertical direction to enter into the menu.
② Push a stick towards ∨, ∧ direction to select the **[System]** menu. Then, push it towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.





③ Check the cursor in the **[Initial Setting]** menu and push a stick towards ▶▶| direction to enter into the menu. Or, push a stick shortly to the vertical direction to enter into the menu.

④ Push a stick towards ∨, ∧ direction to select the initialization status, and push it towards ▶▶| direction to save the setting value. Or, push a stick shortly to the vertical direction to save the setting value. Returns to the previous menu after saving the setting value.



1 Windows PC

2 Formatting

Method 1 (Using MPIO utility)

① Turn the player on and connect it to the PC using an USB cable.

② Double click the “MPIO Utility” icon on the desktop.

③ Click the **[Format & Config]** button.

④ Click the **[OK]** button.

⑤ Click the **[Start]** button.

⑥ Click the **[OK]** button.

⑦ If formatting is complete, click the **[OK]** button.

⑧ Click the **[Close]** button.

⑨ If you click the **[OK]** button, Format & Config (formatting and initialization) will be complete. Unplug the player from the PC.

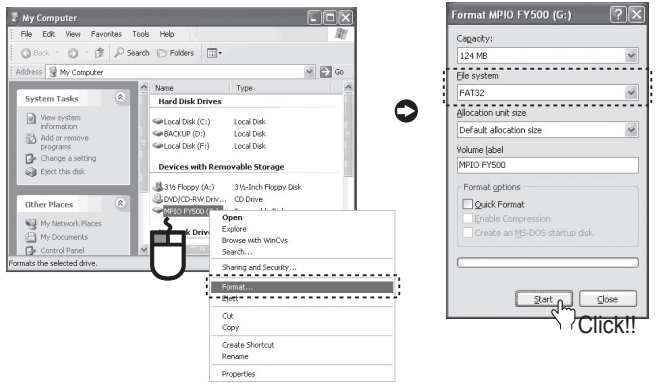
⚠ * The captured images used in "Using MPIO utility" section can be different, depending on the user's PC environment.
* MPIO utility does not support the MAC OS.
* To see how to install MPIO utility, refer to [Installing the operating software] in page 12.

Method 2 (Using Windows Format command)

* It is recommended to use the MPIO utility to format the player memory.

⚠ * If you have to format the player memory using the Windows "Format" command, select the file format type as FAT (FAT16). To use the player normally after formatting, you should restore the default values using MPIO utility. For more details, see [Setup Config] in page 67.
* The captured images shown in the "Using Windows Format command" can differ, depending on the user's PC environment.

① Select the moveable disc and click the right mouse button. Then, select the Format menu.
② Click the **[Start]** button.



⚠ * If the player memory is formatted, all current menu settings will be initialized.
* Be noted that the player memory cannot be restored again, if formatted.

2 Saving the initial setting value

⚠ * If the player memory is formatted using Windows Format command (FAT or FAT16), the default setting values of the player should be restored using the Setup Config function of MPIO utility.
* To see how to install MPIO utility, refer to [Installing the operating software] in page 12.

① Turn the player on and connect it to the PC using an USB cable.
② Double click the “MPIO Utility” icon on the desktop.
③ Click the **[Setup Config]** button.

④ Click the **[OK]** button.

⑤ Click the **[OK]** button to complete Setup Config (Restores the default settings). Unplug the player from the PC.

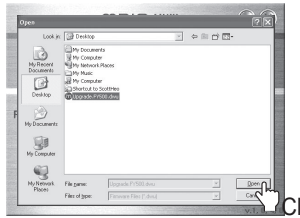
3 Upgrading the firmware

* To see how to install MPIO utility, refer to [Installing the operating software] in page 12.

① Download the latest firmware from the MPIO web site, and uncompress and save it in the PC. (www.mpio.com)
② Turn the player on and connect it to the PC using an USB cable.
③ Double click the “MPIO Utility” icon on the desktop.
④ Click the **[F/W Upgrade]** button.

⑤ Click the **[OK]** button.

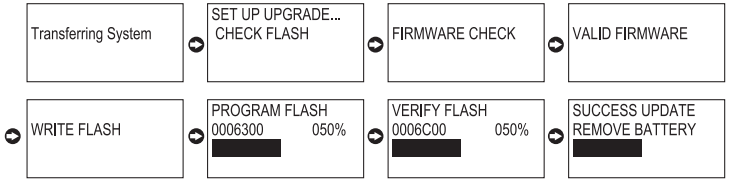
⑥ Select the **‘Upgrade.FY500.dwu’** file from the **[Browse File]** window and click the **[Open]** button.



The firmware upgrade file is compressed (zip file), which is provided by the MPIO homepage. When you uncompress the file, the revision details (.txt) and Upgrade.FY500.dwu file can be found.

⑦ Click the **[OK]** button.

⑧ If you unplug the player from the PC, the play will automatically start firmware upgrade. You can check firmware upgrade status on the LCD as shown below.



Once firmware upgrade is complete, the player will be automatically turned off.

⚠ If you apply external shock or the battery is low while the player is upgrading the firmware, it can cause product breakdown or malfunction. Please keep in mind this.

2 Upgrading the firmware in Macintosh PC

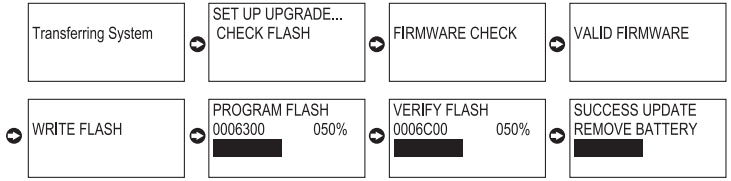
It is not recommended to format FY500 memory in Macintosh PC. If you use the Macintosh PC and want to format the memory, contact our service center.

⚠ At least 10MB free memory space in FY500 is required for firmware upgrade.

① Download the latest firmware for Macintosh from the MPIO web site, and uncompress and save it in the PC. (www.mpio.com)

The firmware upgrade file for Macintosh is compressed by Stuffit. When you uncompress the file, the revision details (.txt) and the firmware upgrade file (Image.dat, Player.rom, and Upgrade.axf) can be found.

② Turn the player on and connect it to the PC using an USB cable.
③ Save the firmware upgrade file (Image.dat, Player.rom, and Upgrade.axf) in FY500.
④ Unplug FY500 from the PC.
⑤ If you unplug the player from the PC, the play will automatically start firmware upgrade. You can check firmware upgrade status on the LCD as shown below.



Once firmware upgrade is complete, the player will be automatically turned off.

⚠ If you apply external shock or the battery is low while the player is upgrading the firmware, it can cause product breakdown or malfunction. Please keep in mind this.

6. Miscellaneous

1 Product specification

Dimensions		26(W) × 67(H) × 20(D)/mm
Weight		32g
Display (LCD)		128×64 Full Graphic LCD
Memory		128MB / 256MB / 512MB / 1GB
Decoding		MP3, WMA(WMA DRM), ASF
Voice recording		ADPCM (Mono)
Audio	Frequency Range	20Hz ~ 20kHz
	S/N ratio	95dB
	Output Power	15mW/Channl(EU: 6mW/Channel)
FM Radio	Frequency Band	76 ~ 108MHz
	S/N ratio	45dB
	FM recording	ADPCM (Mono)
Language	Menu language	English, Korean, Cantonese, Mandarin, Japanese
	ID3 tag language	55 languages
PC Interface	PC Interface	USB 2.0 (High Speed)
	Supported OS	Windows 98 / SE / ME / 2000 / XP
		Mac OS version 9.2 or later
	Mass Storage Class	Supported
Battery	Type	AAA×1
	Battery life	Up to 14 hours (based on 128kbps MP3 file)
Operating temperature		0℃ ~ 40℃

⚠ * The memory capacity that can be actually used can be reduced by the logical file system, regardless of the product's memory capacity.
* The total playback time can differ, depending on the usage method and menu setting.
* Data transmission speed can differ, depending on the user's PC specification.
* Connection to the PC using the extension code like an USB hub cannot be guaranteed.

2 Minimum PC specification requirement

① Windows
- Main board: USB Interface 2.0 should be supported, and mounted with standard devices and CD-ROM drive
- CPU: Pentium 133MHz or faster.
- Memory: 64MB or more
- Free HDD space: 20MB or more
- Supported OS: Windows 98/98SE/ME/2000/XP

② Macintosh
- Main board: USB Interface 2.0 should be supported, and mounted with standard devices and CD-ROM drive
  EX) Power Mac G3(Blue&White) / G4 / G4 Cube, iMac / iBook, Powerbook, Powerbook G4
- Free HDD space: 20MB or more
- Supported OS: Mac OS version 9.2 or later.

⚠ Connection to the PC using the extension cable or USB hub cannot be guaranteed.

3 FAQ

⚠ Check the following items first if you think the product is malfunctioning.

Q I cannot turn on the player.

A If the battery is completely discharged (flat), the player cannot be turned on. Replace with battery with new one and turn the player on.

Q I cannot hear any sound or, I can hear noise.

A Check the sound volume.

A Your player may be influenced by the neighboring electrical device.

A If the music file is damaged, noise or sound interruption can occur.

Q Letters on the LCD look broken.

A Set the language to English in the [ID3 Tag Language] menu (See page 31) first. Then, set the file name using the [Display]→[File info] menu (See page 53).
If the problem still cannot be resolved, contact our customer service center.
However, some special fonts/languages may still look broken.

Q I can see that some memory is used but no saved file is found.

A Execute the [Format & Config] command using MPIO utility. (See page 64.)
If you run the above command, all files in the product will be removed.
You can check the data file only when the player is connected to the PC.

Q Letters on the LCD look broken. I can hear noise and cannot set the broadcasting channel when I listen to the radio.

A Your player may be influenced by the neighboring electrical device. Secure enough distance.

A The earphone plays a role of an antenna when listening to the radio. Therefore, reception sensitivity can be deteriorated if you don't use an earphone. Of, FM reception may be poor in some area. Please understand that.

Q I cannot download the file from the PC

A Connection to the PC using the extension cable or USB hub cannot be guaranteed.

A Make sure to use the USB cable provided with the product as an accessory when connecting the player to the PC.